

K.E.Braza Construction LLC  
#3 Custom Drive  
Old Saybrook Ct. 06475  
Ct.0015240

Excavation Seawalls Marine Construction

10/02/2023

Project Proposal

Client.

Chapman Beach Association  
Westbrook.Ct.

K.E.Braza Construction LLC (KEBC), Has proposed several options over the past 2 years,  
We are willing to work with Association on this next proposal of Jetty restoration due to settlement and core wash out of the existing structure. Listed. (A) Existing Conditions, (B) Restoration Construction Method, (C) Cost of Project (time frame)

(A) Existing Conditions.

(1) Existing Jetty has undermined sections of stone revetment which is need of resetting  
(2) Center sections along with end toe sections have settled and have been dislodged.  
(3) Core sections have dropped due to larger than normal voids,  
(4) Rocks have been displaced due to this causing the un-settled structure, become subject  
to more damage.

(B) Restoration Construction Method.

Review plan with Association of Access, Repair and Restoration on Site.

Plan. To remove existing jetty stone at low-tide increments, set aside sections to be reset

Rebuild center core with Geofabric center core section and \*optional Flowable Concrete fill Material\*

\*Used in Fenwick Pier, Anti Wash-out material core infill material, Safe for conditions\*

Reset Lower base rock at edges of sections. Pour and place material ( center core trench section )

Haul in additional 12 ton -14 ton of material larger boulders, or 25% 1/4 of removed sections into outer  
Section.

Create a 1 to 1 slope on each side, then install, re-use the flatter stone as a walkway on top of structure.

### Scope of Work For Restoration

- (1) Access area provided, with protection of beach resources, crane matting to beach access,  
Volvo 300 hauled to site, with support equipment.
- (2) Excavator to work in 6 hr increments removing and resetting exterior base stones, separating usable material
- (3) KEBC triaxles to haul in larger stones, due to some removal of existing jetty stones ( same percentage removed,  
hauled back in for use,.
- (4) Working lower creating base or toe stones around entire structure..
- (5) KEBC to then install #7 Geo fabric at base, then set with some interior core stone to stabilize structure.
- (6) Install sectional flowable concrete anti wash out fill into core trench section.
- (7) Begin interlocking stone with this material as concrete is placed.
- (8) 2- tide cycles complete, then reinstall stone creating the 1 to 1 slope on each side, creating forward bullnose section.
- (9) Once core is set, outer toe and bullnose section of jetty build and solid KEBC to install upper flat stone.
- (10) Infill with existing flat stone, additional 5 tons of flat stone maybe needed, encapsulate with fabric at completion,  
then install rip rap material in between stones to final set.
- (11) Rip rap will be added to then entire structure filling all voided areas between stones from end to beach transition.
- (12) Complete site clean-up at completion

(C) Cost of Project ( Based on Current Market conditions Valid for 30days )

(C1) Cost of  
Project.....\$95,000.00

Includes all Items in scope of work 1 thru 12.

KEBC requires a formal contract stating the above work for this project, we also will provide certificate of insurance for this build review operations with permit and provide as-built by Surveyor at completion of project. 50% will be due at contract signatures and at confirmation of start date for this project.

Please let us know of your intentions on this project